TRANSDATA

TD 900 HIGH SPEED TELEPRINTER

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GENERAL

The TD 900 High Speed Teleprinter is a variable speed message printer for on-line use with today's high speed data transmission links such as Dataphone and Kineplex or for off-line applications reading punched paper tape. Speed is equivalent to fifty standard 100 word per minute teleprinters.

APPLICATIONS

Weather data reporting
Stock market data
Business telegrams
Military message networks
Computer output

PERFORMANCE HIGHLIGHTS

High resolution black on light media.
Prints 150 to 5,000 words per minute or 15 to 500 characters per second.
Accepts any parallel six level binary code.
Accepts random line lengths without programmed spaces.
Completely Teletype code compatible.
No pre-message warm up or waste paper.
Interchangeable 60 character type font.

DESIGN FEATURES

ON-LINE INPUT Because the TD-900 is on constant standby and thus instantaneously addressable it is an ideal teleprinter for on-line use with data links in the 90 to 3000 bits per second range. TD-911 Optional Serial-to-Parallel Converter Accessory is available for use where required.

OFF-LINE TAPE INPUT With the 5,000 word per minute TD-912 Optional Tape Reader Accessory or with conventional lower speed paper tape readers the TD-900 can be used either constantly or intermittently as an off-line teleprinter reading paper tapes prepared by standard tape punches.

CHARACTER GENERATION AND RECORDING Characters are formed on a standard cathode ray tube by the Transdata developed TD-549 Character Generator with plug-in character cards and recorded on low cost light sensitive paper.

CHARACTER VERSATILITY Up to 60 plug-in interchangeable characters available providing for use of special symbols such as vectors, cloud symbols or special military symbols to denote such things as tanks, troops or gun sites.

CONSTANT STANDBY After initial warmup the TD-900 is instantaneously addressable without the need for any pre-printing paper movement or other function.

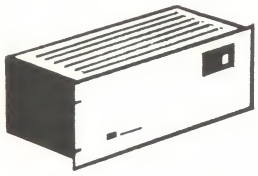
RANDOM LINE LENGTHS Each message uses only sufficient paper for message format plus three inches top and bottom margin. No long leaders required.

HIGH QUALITY OUTPUT A high contrast, high resolution black copy is provided seconds after the termination of a message. The copy is permanent – as impervious to degradation by light or heat as typewritten material. Can be copied by conventional copy processes.

TRANSDATA INC.

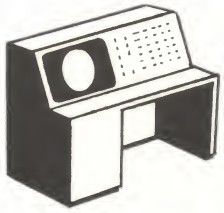
An electronics research, development and manufacturing organization with special capabilities in the fields of digital, visual and voice communications and recording.

OTHER TRANSDATA PRODUCTS



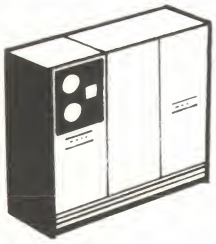
TD 549 CHARACTER GENERATOR

A basic system component for display systems and high speed non-impact printers. Accepts any parallel six-bit code from communication lines or computer tapes and displays wide variety of characters and symbols on the screen of cathode ray tubes. Four character sizes. Plug-in character cards.



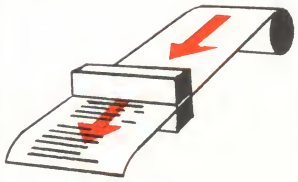
DISPLAY SYSTEMS

Transdata Display Systems Engineers with extensive background in major military command and control display systems assist military agencies and prime contractors in this specialized field. Complete display subsystems or specific console or projection displays are proposed to meet the specific requirements of each system.



TD 942 MICROFILM PRINTER

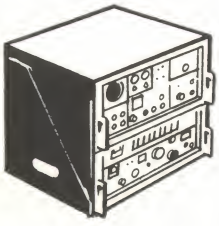
Prints and plots output of high speed computers at 62,500 characters or 10,000 words per second on microfilm or oscillograph recording paper. Unit has self contained variable speed tape transport.



ELECTROKINETICS* PRINTERS

A new principle in electronic recording now under development. Design objectives include strip chart recorders, facsimile printers, office copy machines and projection displays.

*Trademark



WRR2 – RADIO RECEIVER

A high performance multi-frequency U.S. Navy receiver for ship to shore radio communications being built by Transdata for the Bureau of Ships.

TRANSDATA

TRANSDATA INC., 1000 NORTH JOHNSON AVENUE, EL CAJON, CALIFORNIA, HICKORY 2-9863

TRANSDATA, INC.
1000 North Johnson Avenue
El Cajon, California

Gentlemen:

Please provide additional information concerning your TD-900 High Speed Teleprinter. The data below is provided to assist you in providing the information required.

NAME	STREET ADDRESS
TITLE OR DEPARTMENT	CITY - ZONE - STATE
COMPANY OR AGENCY	TELEPHONE AND EXTENSION

We have a potential application for the TD-900 in:

An in-house communications system _____

A Planned in-house system _____

A government system contract in-house _____

A government system contract on which we plan to bid _____

The word per minute or bit rate required is _____

The type of data transmission link contemplated is _____

Our potential application can be briefly described as _____

_____

We would like the following additional information _____

_____

Transdata, Inc.
1000 North Johnson Avenue
El Cajon, California

DATE:_____

Gentlemen:

Please provide additional information regarding your TD-942 and TD-943 Microfilm Printers. The data below is provided to assist you in providing the information needed.

Very truly yours,

_____ NAME

_____ ADDRESS

_____ TITLE OR DEPARTMENT

_____ CITY AND STATE

_____ COMPANY OR AGENCY

_____ TELEPHONE NO. & EXT.

We have or will install in 1962 the computer (s) indicated:

UNIVAC	1103A	_____	BURROUGHS	220	_____	IBM	701 _____
UNIVAC	1105	_____	CDC	1604	_____	IBM	704 _____
UNIVAC	SS80	_____	RCA	601	_____	IBM	705 _____
UNIVAC	SS90	_____	RCA	501	_____	IBM	709 _____
UNIVAC	LARC	_____				IBM	1401 _____
UNIVAC	1107	_____				IBM	1410 _____
UNIVAC	III	_____				IBM	1610 _____
UNIVAC	FILE	_____				IBM	7030
PHILCO	2000	_____				IBM	7070
PHILCO	2400	_____				IBM	7080 _____
						IBM	7090 _____
OTHERS_____						IBM	7072 _____
						IBM	7074 _____

We have an average output of 5,000_____10,000_____30,000_____ 50,000_____more_____pages per day on all our printers.

We normally buy_____rent_____our data processing machines.

We would be most interested in an_____on-line,_____off-line unit.

Please provide: Operating Cost Data _____
Price and Delivery Data _____
A detailed Technical Specification _____
Other:_____ _____

Please have your representative call on us. _____

TRANSDATA INC./1000 NORTH JOHNSON AVENUE/EL CAJON, CALIFORNIA/HICKORY 2-9863

TRANSDATA

Dear Sir:

This letter will announce the newest entry into the field of high speed teleprinters for today's high speed data transmission systems. Transdata's TD-900 High Speed Teleprinter is a variable speed (150 to 5000 words per minute) hard copy printer available for on-line or off-line use with data transmission systems such as Dataphone and Kineplex. The enclosed brochure describes briefly some of the other products of Transdata, Inc.

If your communications systems planning includes the use of high speed data transmission links, we will welcome an opportunity to learn more about your requirements and to provide you with such additional information as you may require.

I have enclosed a from which you might use to assist us in understanding your plans and requirements. May we hear from you?

Very truly yours,

Gordon Johnson
Manager of Marketing

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. Labeling of curves with both vertical and horizontal lettering under program control.

. Highest speed compatible pulse camera available 16 frames per second - thus increasing output speeds.

. Uses standard commercially available cathode ray tube thus reducing tube replacement costs to approximately 20% of tube costs for similar purpose devices.

. Split magazine take up reels on the camera to permit daylight removal of any length of film from one to four hundred feet thus permitting variable length batch processing and reducing elapsed time between recording and printing.

If you would like to examine the potential value of such a printer to your operation we would be pleased to supply additional information.

In order to help us provide the data you need, would you give us some data concerning your installation? Filling out the enclosed form will give us what we need to respond with more detail. If you do not contemplate additional printers, it would still be helpful to us if you could take a minute to fill in the attached. May we hear from you?

Very truly yours,

Gordon Johnson
Manager of Marketing

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enclosure

TRANSDATA INC./1000 NORTH JOHNSON AVENUE/EL CAJON, CALIFORNIA/HIckory 2-9863

TRANSDATA

Gentlemen:

If you think you may need more output capacity in 1962 you will be interested in the newest entry in the high speed printer field.

The brochure attached describes the off-line TD-942 Microfilm Printer. We also offer the TD-943 on-line version of the same device and a new optional hard copy printer accessory.

Among the significant features of these printers are the following:

- Recording on inexpensive 35mm film.
- Printing on 8 1/2 inch hard copy with on-line developing for immediate use.
- High speed printing - 62,500 characters per second.
- High speed plotting - 33,000 random points per second.
- Three character sizes available on computer command.
- Changeable characters to permit the user to design and install new symbols as required.
- Expandable type font to permit adding of additional characters if special engineering or mathematical symbols are required.
- Input codes may be changed when required by repositioning character cards to accommodate any six-bit parallel binary code.
- Axis and line generation functions under program control.